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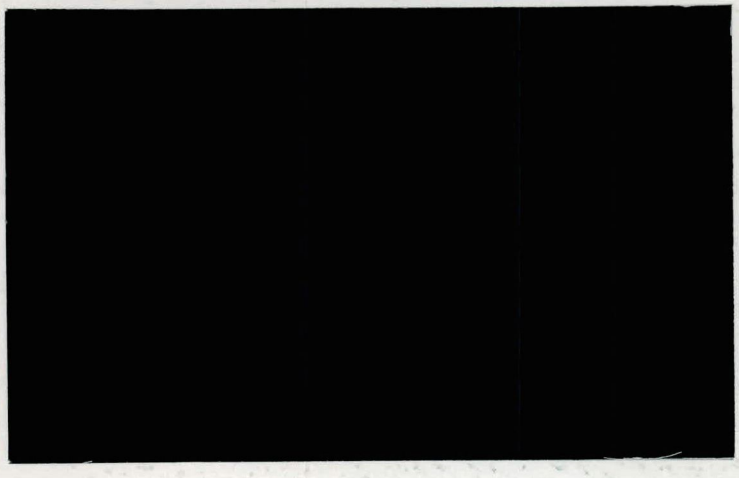

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TEACHER STATISTICS

1982 - 1983

J. E. REID
Director
Student Records & Computer Services
ALBERTA EDUCATION

May, 1983.

Each September, all teachers, administrators and other support staff either complete or up-date a Certificated Personnel Record for return to the Department. The information contained on the latest of these forms was analyzed to determine the qualifications, experience, etc., of the present teaching force.

Table I shows an analysis of 26,348 teachers by sex, employment status, and citizenship. Of this total 15,451 (59%) are females and 10,897 are males. The number of part-time teachers was calculated as 2,144 (8%), whereas the last two years there were 1,916 and 1,505 employed in the Province. This table also shows the citizenship status of the teaching force, with 25,697 (97.5%) indicating that they possess Canadian citizenship compared to 97.4% one year ago.

Table II shows the marital status of the 1982-83 teaching force with the exception of 152 teachers who did not complete this data item. In all zones about 25% of the teachers are single.

Teachers who indicated that they are employed on a part-time basis were requested to indicate the percentage of the school week that they are employed. Table III shows the number of teachers employed in each zone and the corresponding full-time equivalents. The full-time equivalent percentage compared to the number of teachers employed in all zones is between 95 and 97%.

Although the number of part-time teachers increased by 178 over the previous year it appears that the average part-time teacher is employed for approximately 50% of the school week.

Table IV shows a frequency distribution of the ages; as well as the average age of teachers in the six zones. As in previous years, Zone 1 has the youngest group of teachers with an average age of 35.09 years, whereas Zone 6 has the oldest group with an average age of 38.02. The average age of teachers in the Province was 36.77 years compared to 36.78 years one year ago.

The academic preparation of the 1982-83 teachers is shown in Tables V and VI. Within the Province, 24,644 (93.5%) have either a professional or a provisional certificate, and 24,748 (93.9%) possess at least one degree. These percentages compare to about 93% in 1981-82 and 92% in 1980-81. An analysis of the qualifications of teachers within each zone shows that the percentage of teachers with degree ranges from about 90% in Zone 2 to 97% in Zone 3.

An analysis of the location of the initial teacher training institution attended by Alberta teachers and the location in which the initial certificate was awarded revealed that 93% of the teachers received their intial teacher training in Western Canada,

and 92.6% received their first certificate in one of the four Western Provinces. The percentage of teachers receiving their initial training and initial certificate in Alberta was 78% and 81% respectively.

Tables VII and VIII show the frequency distribution of years of teaching experience and teacher education held by teachers within the six zones, as well as provincial totals. The average experience of teachers is approximately 11.9 years, and the average number of years of post-secondary education is 4.5 years. Table VII shows that the average experience of teachers ranges from 10 years in Zone 1 to 13 years in Zone 6. A further analysis of teaching experience showed that the average teaching experience with the same board is 8.6 years. The range of this average is from 6.6 years in Zone 1 to 9.3 years in Zone 3.

Table IX shows a comparison of a number of characteristics of the Alberta teaching force from 1975-76 to the present time. Although the table shows an increase of 3,217 teachers in the teaching force, the increase is a result of a greater number of teachers completing the Certificated Personnel Record and the increase in the force required for increased services. The table shows a steady increase in the number of teachers holding professional or provisional certificates, university degrees, as well as a steady increase in teaching experience.

The percentage of female teachers has increased from 55.8% in 1975-76 to 58.6% in 1982-83.

Table X shows the location of the present teaching force during 1981-82. Of the 26,348 teachers 85% taught for the same employee and another 901 (3.4%) were employed by another Alberta school jurisdiction during 1981-82.

The teachers not employed were involved in the following during 1981-82:

1. Most of this group, 1,196 (4.5%), were not employed as teachers.
2. The second largest group were those teachers, 1,007 (3.8%), who were attending University. Of this number, 456 did not have previous teaching experience, whereas 514 had taught previously.
3. Of the 1982-83 teaching force, 810 (3%) resided outside the Province of Alberta during the previous year.

TABLE I

DISTRIBUTION OF ALBERTA TEACHERS
BY SEX, EMPLOYMENT STATUS AND CITIZENSHIP

N = 26,348

Sex	
Female	15,451
Male	10,897
Employment Status	
Full-time	24,172
Part-time	2,144
Not specified	32
Citizenship	
Canadian	25,697
Landed Immigrant	495
Work Permit	121
Not specified	35

TABLE II

MARITAL STATUS

ZONE	SINGLE	MARRIED	NOT SPECIFIED	TOTAL
1	468	1,213	24	1,705
2	505	1,437	15	1,957
3	2,455	7.547	42	10,044
4	499	1,596	16	2,111
5	2,244	5,633	47	7,924
6	555	2,044	8	2,607
Provincial Totals	6,726	19,470	152	26,348

TABLE III

NUMBER OF TEACHERS EMPLOYED

ZONES	NO. OF TEACHERS	FULL TIME EQUIVALENT	
1	1,705	1 644.07	(96.43%)
2	1,957	1 865.57	(95.33%)
3	10,044	9 693.54	(96.51%)
4	2,111	2 049.38	(97.08%)
5	7,924	7 497.33	(94.62%)
6	2,607	2 526.89	(96.93%)
Provincial Totals	26,348	25 276.78	(95.93%)

TABLE IV

AGE DISTRIBUTION OF ALBERTA TEACHERS BY ZONE

Zone	20	20-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61	62	63	64	65	>65	NS	Total	Averages
1	0	292	382	340	240	185	110	83	55	4	4	1	1	0	8	0	1,705	35.09
2	0	324	387	357	305	250	148	108	53	6	8	6	3	0	2	0	1,957	35.69
3	0	1,022	1,877	2,203	1,774	1,194	805	635	395	37	45	30	18	1	5	3	10,044	37.00
4	0	249	388	409	349	277	177	140	86	13	10	10	1	0	1	1	2,111	37.19
5	0	901	1,538	1,571	1,509	986	598	485	220	41	32	18	19	1	2	3	7,924	36.60
6	0	252	417	569	413	347	239	204	113	21	13	11	6	0	2	0	2,606	38.02
Provincial Totals	0	3,040	4,989	5,449	4,590	3,239	2,077	1,655	922	122	112	76	48	2	20	7	26,348	36.77

TABLE V

DISTRIBUTION OF ALBERTA TEACHERS BY CURRENT TEACHING CERTIFICATE TYPE

ZONES	PROF.	PROV.	STAND. S	STAND. E	COND.	JR. E.	2nd CL.	OTHER	TOTAL
1	1,545	1	28	55	0	72	0	10	1,705
2	1,765	4	30	65	1	80	0	14	1,957
3	9,562	6	111	189	1	173	0	18	10,044
4	1,876	3	40	82	0	116	0	3	2,111
5	7,524	12	85	149	0	149	0	20	7,924
6	2,345	1	75	67	0	116	1	8	2,607
Provincial Totals	24,617	27	369	607	2	706	1	73	26,348

TABLE VI

DISTRIBUTION OF ALBERTA TEACHERS BY HIGHEST DEGREE

ZONES	B. ED ONLY	B. ED. & OTHER	OTHER BACHELOR	M.ED. ONLY	M.ED. & OTHER	OTHER MASTER	DOCTORATE	NO DEGREE ON FILE	TOTAL
1	818	396	213	60	3	47	3	165	1,705
2	1,068	358	209	83	3	41	3	192	1,957
3	5,832	1,548	1,207	737	6	225	49	440	10,044
4	1,218	273	245	87	3	34	4	247	2,111
5	3,832	1,503	1,264	612	6	356	27	324	7,924
6	1,353	369	387	184	1	65	16	232	2,607
Provincial Totals	14,121	4,447	3,525	1,763	22	768	102	1,600	26,348

TABLE VII

DISTRIBUTION OF ALBERTA TEACHERS BY YEARS OF TEACHING EXPERIENCE

ZONES	NS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total	Average
1	201	33	108	117	100	104	99	85	57	70	69	50	47	53	55	37	420	1,705	10.47
2	182	24	125	128	110	100	74	71	71	71	65	70	63	61	55	58	629	1,957	11.90
3	545	73	357	494	497	511	431	473	514	498	465	407	427	418	392	369	3,173	10,044	12.11
4	110	37	89	110	98	103	105	86	86	82	95	84	73	82	69	70	732	2,111	12.46
5	433	82	449	430	466	404	367	335	337	312	334	328	339	314	327	320	2,347	7,924	11.40
6	184	27	88	101	102	109	115	97	114	126	121	122	120	91	88	91	911	2,607	12.98
Prov. Totals	1,655	276	1,216	1,380	1,373	1,331	1,191	1,147	1,179	1,159	1,149	1,061	1,069	1,019	986	945	8,212	26,348	11.89

TABLE VIII

DISTRIBUTION OF ALBERTA TEACHERS BY YEARS OF TEACHER EDUCATION

Zones	NS	1	2	3	4	5	6	7	> 7	Total	Average
1	15	36	64	43	995	346	181	18	7	1,705	4.30
2	14	46	50	62	1,211	385	175	8	6	1,957	4.25
3	64	100	158	114	5,806	2,099	1,568	84	51	10,044	4.51
4	8	68	76	48	1,325	391	184	7	4	2,111	4.19
5	75	63	88	112	4,047	1,922	1,445	103	69	7,924	4.63
6	14	52	61	53	1,497	587	317	12	14	2,607	4.38
Provincial Totals	190	365	497	432	14,881	5,730	3,870	232	151	26,348	4.47

TABLE IX

COMPARISON OF QUALIFICATION AND EXPERIENCE OF ALBERTA TEACHERS

	Number			Number with Degrees	Number with Prof. or Prov. Certificates	Average Years of University	Average Age	Average Years of Experience
	Female	Male	Total					
1975-76	12,908	10,109	23,131	18,574 (80%)	19,483	4.1	36.1	9.9
1976-77	13,237	10,431	23,749	19,791 (83%)	20,243	4.2	36.1	10.3
1977-78	13,207	10,493	23,876	20,621 (86%)	20,878	4.3	36.2	10.5
1978-79	13,322	10,545	23,867	21,209 (89%)	21,190	4.3	36.3	10.6
1979-80	13,550	10,523	24,073	21,804 (91%)	21,751	4.4	36.4	10.7
1980-81	14,146	10,455	24,601	22,602 (92%)	22,188	4.4	36.4	10.7
1981-82	14,546	10,556	25,102	23,304 (93%)	23,209	4.4	36.4	11.2
1982-83	15,451	10,897	26,348	24,748 (94%)	24,644	4.5	36.8	11.9

TABLE X

Location of the 1982-83 Teaching Force During the 1981-82 School Year

Employed with the same employer	22,425	
Attending an Alberta University	1,007	*
Teaching with another Alberta School Board	901	
Not employed in teaching (returnees)	1,196	
Outside the Province of Alberta	810	
Not specified	9	
TOTAL	26,348	

* Graduates, experience 0	
B.Ed. Degree	435
Other Degree	48
No Degree	10
Graduates, experience 0	514
	1,007

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